

The Project Director
Project Director Office
D43/1 Shahrah-e-Ghalib, Clifton Block 2
Karachi.

Subject: **Job Application for Deputy Director Technical/Transport Engineer**

With reference to the job advertisements published in Dawn, dated 17th December 2022, I would like to submit my resume for the position of Deputy Director Technical/Transport Engineer for your kind consideration. As a motivated Engineer with an overall experience of 7 years including Karachi BRT projects with admirable technical and interpersonal skills, I am willing to contribute to your department in the successful execution of the essential projects for Karachi.

My professional background directly matches the stated requirements in terms of relevant education, work experience, and cultural exposure. I completed my Master of Engineering Management (MEM) graduate studies in Transportation Infrastructure Management with a 3.93/4 CGPA from NED University of Engineering & Technology (NED). Currently, I am working as Transport Planning & Management Specialist with Creative Engineering Consultants (Project Management and Construction Supervision Consultant (PMSCS)) on Karachi BRT Red Line Project. Earlier, I was a part of the Karachi BRT Red Line team. My experience includes working at the Project Implementation Unit, KBRT Redline Project, and being assisted by the Asian Development Bank (ADB) as an Assistant Engineer. During this tenure, I was involved in the monitoring of technical surveys, technical reports, liaisons with consultants, preparation of PC1, preparation of term of references (ToR) for BRT Yellow Line, evaluations of claims and variation order of the consultants, and operational design of the BRT Red Line and the BRT Yellow line.

I would be delighted to attend the interview to talk more about how I could contribute to the successful execution and management of Transport Projects. I would accept and welcome the opportunity to be part of a dynamic organization/ team to discuss how I can contribute to the success of your organization's endeavors.



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Nationality: Pakistani
Date of Birth: 27th January 1994
CNIC: 42101-9183760-5
Qualification: Masters in Transportation Infrastructure Management
Professional Experience: 7 Years

KEY QUALIFICATIONS

Nov 2019-Mar 2022: Masters in Engineering Management (Transportation Infrastructure Management)
NED University of Engineering and Technology, Karachi, Pakistan
3.93 /4.00 CGPA

Courses: Pavement Asset Management, Travel Demand Forecasting, Sustainable Urban Transport, Geospatial Analysis for Transportation Asset Management, Transportation Systems Asset Management, Strategic Planning and Decision Making, Accounting and Financial Management, Operations Research, Project Management Framework and Tools, and Organizational Systems.

Jan 2012-Jan 2016: Bachelors of Urban Engineering
NED University of Engineering and Technology, Karachi, Pakistan
3.43/4.00 CGPA

SKILLS AND COMPETENCIES

- | | | | |
|----------------|----------------|-------------|------------|
| • Primavera P6 | (Intermediate) | • Python | (Beginner) |
| • ArcGIS | (Intermediate) | • MS Office | (Expert) |

MEMBERSHIP

- Member of Pakistan Engineering Council # URBAN/273
- Member of International Association of Engineer # 222488
- Member of British Stammering Association

TRAININGS AND SEMINARS

- Completed Four Hours Course on “**Introduction to Python**” from [DataCamp](#) in August 2022
- Attended Three Days Asian Development Bank (ADB) Forum on “**Successful Project Design and Implementation- Navigating towards an Inclusive and Green Recovery**” held on 9-11 November 2021
- One Week Training on “**EMME Software and Travel Demand Modelling Principles**” from Operational Design and Business Model (ODBM) Consultant on Karachi BRT Red Line Project in October 2019

EXPERIENCE

1. Nov 2022-Present

Creative Engineering Consultant - PMCS
Transport Planning & Management
Specialist

Project: Karachi BRT Red Line Project

Responsibilities:

- Supervise and monitor the implementation of Temporary Traffic Management Plan (TTMP)
- Update, implement and monitor the traffic management plan alongside the progress of the works
- Ensure the smooth and safe motorized traffic and the pedestrian movement
- Liaison with concerned agencies for the management of traffic issues
- Address and solve all transport related issues

2. Oct 2021-Oct 2022

**Think Transportation
Transportation Engineer**

**Projects: Traffic improvement Plan, Busra Iraq
Traffic Impact Assessment, Emaar Karachi**

Responsibilities:

- Supervise and conduct traffic surveys and analysis the data
- Develop traffic demand model by four stage modeling
- Conduct parking surveys and analysis data
- Develop traffic management and traffic safety plan

3. Jan 2019-March 2021

**MM Pakistan (Pvt) Ltd.
Assistant Engineer**

Project: BRT Karachi Project – BRT Red Line

Responsibilities:

- Assist Project Director, BRT Red Line project in engineering related matters
- Review technical reports and deliverables submitted by consultants
- Coordinate with Consultants for timely completion of deliverables
- Study and review the BRT operations related survey and proposed services plans
- Assist Project Director, BRT Red Line project in contract variations of the consultants
- Assist Direct Projects, SMTA in the preparation of Term of References (ToR) for the BRT Yellow line project
- Manage and schedule all the deliverables/activities

4. Aug 2017- Dec 2018

**Project Implementation Unit (PIU), Karachi
BRT Red Line Project
Junior Engineer**

Project: BRT Red Line Project under Asian Development Bank (ADB) Assisted Project Design Advance (PDA)

Responsibilities:

- Assisted Project Director and Bus Operation Expert on regular matters
- Reviewed the reports and deliverables submitted by consultants
- Managed and scheduled all the deliverables/activities of consultants

Gained knowledge of Urban Mass Transit System, feasibility studies, and contract Management.

5. June 2016-July 2017

**Karachi Mass Transit Cell, Karachi
Development Authority (KDA)
Research Student Assistant (RSA)**

Projects: Studied and analyzed "The Study for Karachi Transportation Improvement Projects 2012" prepared by Japan International Cooperation Agency (JICA)

Responsibilities:

- Studied Transit Oriented Development (TOD) along different BRT corridors
- Studied various ongoing BRT projects proposed by JICA; such as BRT Green Line, BRT Orange Line, BRT Red Line, BRT Yellow Line and BRT Blue Line

6. (Jan 2016-June 2016)

**Farrukh Shahzad & Company
Site Engineer**

Responsibilities:

Supervision of site, execution of work as per specifications and drawings

SOCIAL INTERNSHIP

May 2015–Aug 2016**MATHLERS SOCIETY, Karachi (Pakistan)****Mentor and Coach****Projects: Mathler's society is devoted to develop mathematical insight among students****Responsibilities:**

- Helped in organizing content, coaching and an open mathematics competition for grades 7 – 8

LANGUAGE'S PROFICIENCY

		<u>Reading</u>	<u>Written</u>	<u>Spoken</u>
Urdu	:	Good	Good	Good
English	:	Good	Good	Good
